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Subject: Re: Zambia hiv dataset 2001-02

Posted by [Trevor-DHS](#) on Fri, 24 Oct 2014 20:43:09 GMT

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I asked our sampling specialist Ruilin Ren for his thoughts on this. Here is his reply:

"It is true that without declaring the cluster, the standard error of the estimators will be under estimated, especially for indicators with strong design effect. But taking the stratum (province x residence) as cluster will over estimate the standard error equally. So there is no perfect solution. For HIV prevalence, it may not be a major problem without declaring the cluster because HIV prevalence usually has weak design effect compared to other indicators."

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